## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	617	510/433.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/30 16:1
S1	0	"didecyl dimethyl ammonium" and "octyl sulfate" and "dimethyl-n-octylamine oxide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:5
S2	604	"didecyl dimethyl ammonium"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 16:3
S3	12	S2 and "octyl sulfate"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 16:5
S4 .	1	"amine oxide" same "bridging surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 16:5
S5	14	"bridging surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 16:5
S6	275	"amine oxide" same "shampoo"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:2
S7	224	"sodium lauryl sulfate" same "cationic surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:3

## **EAST Search History**

S8		"quatenary ammonium" same "shampoo"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:35
59	95	"ternary surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:44
S10	1298	"amine oxide" and (alkyl adj1 (sulfate sulfonate)) and "quaternary ammonium"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:03
S11	1086	S10 and (detergent shampoo) .	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:47
\$12	695	S11 and (@rlad<"20000914" or @ad<"20000914")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:49
S13	42	"amine oxide" and (alkyl adj1 (sulfate sulfonate)) and "didecyl dimethyl ammonium"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:38
S14	72	alkanolamide same "cationic surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:39
S15	604	"didecyl dimethyl ammonium"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:57

## **EAST Search History**

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S16	21	S15 same "cationic surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:56
S17	349	"didecyl dimethyl ammonium" and (sulfate sulfonate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR .	OFF	2007/04/27 18:58
S18	1678110	S17 and amine oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:58
S19	152	S17 and "amine oxide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:58